

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

**What is claimed is:**

1. (previously presented) A method to prevent wound progression and enhance wound healing for stage 1 and stage 2 wounds by irradiating said stage 1-2 wound with directed non-ablative coherent radiation operating at one or more wavelengths in a range from 193 nm to 10.6  $\mu\text{m}$ , wherein said method uses at least one optical fiber connected to a source of coherent radiation to irradiate said wound.
2. (original) A method to prevent wound progression and enhance wound healing according to claim 1, wherein said method uses non-ablative coherent radiation having a power density of at least about 1  $\text{W}/\text{cm}^2$  for a preselected time of exposure in a range from 1 second to 3 minutes.
3. (cancelled)
4. (previously presented) A method to prevent wound progression and enhance wound healing according to claim 2, wherein said method uses non-ablative coherent radiation operating at one or more wavelengths in a range from 193 nm to 3  $\mu\text{m}$ .
5. (cancelled)
6. (cancelled)
7. (cancelled)
8. (cancelled)

9. (original) A method to prevent wound progression and enhance wound healing according to claim 2, wherein said method uses non-ablative coherent radiation having an average power between 1 Watt and 20 Watts.
10. (original) A method to prevent wound progression and enhance wound healing according to claim 9, wherein said method uses non-ablative coherent radiation preferably having an average power between 5 and 10 W.
11. (cancelled)
12. (original) A method to prevent wound progression and enhance wound healing according to claim 1, wherein said method also includes eradicating bacteria and viral bodies, thereby preventing infection.
13. (cancelled)
14. (previously presented) A method to prevent wound progression and enhance wound healing according to claim 4 wherein said method uses non-ablative coherent laser radiation operating at about 980 nm.
15. (new) A method to prevent wound progression and enhance wound healing for stage 1 and stage 2 wounds by irradiating said stage 1-2 wound with directed non-ablative coherent radiation operating at one or more wavelengths in a range from 193 nm to 10.6  $\mu\text{m}$ , wherein said method uses at least one optical fiber connected to a source of coherent radiation to irradiate said wound, wherein said method uses non-ablative coherent laser radiation operating at about 980 nm.